

# SOFA 2020

## 9TH INTERNATIONAL WORKSHOP ON SOFT COMPUTING APPLICATIONS

"Aurel Vlaicu" University of Arad, Faculty of Exact Science  
27-29 NOV-2020 ARAD, ROMANIA

<b>Conference website</b>	<a href="https://www.sofa-org.eu/2020/">https://www.sofa-org.eu/2020/</a>
<b>Submission link</b>	<a href="https://easychair.org/conferences/?conf=sofa2020">https://easychair.org/conferences/?conf=sofa2020</a>

### Special Session: Intelligent Systems in Medicine

#### Scope and topics

This special session intend to discover and highlight new possible applications of recent developing technique, artificial intelligence and machine learning in medicine. This might improve patient's assistance and professionals' work. The aim is to debate the main concepts of cognitive sciences, in the new context of robotics and intelligent systems targeting their effect on human beings, through medicine.

Original contributions focused on, but not necessarily limited to, the following topics are welcomed:

- Machine learning, vision, deep learning technologies and classical approaches on medical systems
- Computer-aided diagnostics, decision support systems, decision-making technique and multiple attribute decision making, in medical fields
- Fuzzy logic and fuzzy systems in medical decision
- Medical image processing
- Neural network technologies and applications in medicine
- Artificial Intelligence for medical systems, cognitive sciences, viral diseases

#### Special Session Organizers

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